

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: KEIRSGIETER, Petrus Jacobus

SERIAL NO.: (International Serial No. PCT/NL2005/000070)

FILED: Herewith (International Filing Date: 01 February 2005)

TITLE: DENTAL TREATMENT APPARATUS

REMARKS ON PRELIMINARY AMENDMENT

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Sir:

In conjunction with the filing of the present application, and prior to an initial Official Action on this matter, please amend the above-identified application as provided in the attached Marked Up Copy and Substitute Specification.

Please note that the following amendments in the Substitute Specification apply to the attached specification and claims labeled for "U.S. filing". This combined application incorporates the original application and any amendments or annex to the International Application in the proper order, including the correct original and substitute pages, claims and drawing sheets.

In this preliminary amendment, please consider the following remarks in conjunction with the amendments to the above-identified application as follows:

REMARKS

The present Preliminary Amendment has been entered for the purpose of placing the application into a more proper U.S. format. In particular, certain grammatical and idiomatic inconsistencies have been corrected by amendment to the specification, and the application is

corrected for certain typographical errors found in the originally submitted application. No new matter has been added by these amendments. The present application incorporates the original filing including any amendments made in the international filing. There was no amendment in the International Application, and there is no annex to the International Preliminary Examination Report because there were no Demand for the IPER. The present specification is an English language translation of an originally Dutch language document.

The Claims have been amended so as to conform with U.S. requirements and so as to remove multiple dependent claims. The Abstract has been amended so as to conform to U.S. filing requirements.

Applicant respectfully requests that the present Amendment be entered prior to an initial Official Action on the present application.

Respectfully submitted,

3 August 2006

/s/ Andrew W. Chu

Date

John S. Egbert
Reg. No. 30,627
Andrew W. Chu
Reg. No. 46,625

Customer No. 24106

Egbert Law Offices
412 Main Street, 7th Floor
Houston, Texas 77002
(713)224-8080
(713)223-4873 fax

CLAIMS

I claim:

1. (Currently amended) Apparatus for dental treatment, comprising:

a base; ~~and~~

a treatment unit, ~~which~~ said treatment unit ~~comprises~~ being comprised of one or more treatment instruments and one or more lines for ~~the~~ supply of water, air and electricity, ~~characterized in that in;~~ and

a connecting piece positioned between the said base and the said treatment unit-a connecting piece is provided by means of which the, said treatment unit can be being able to be disconnected from and connected to the said base.

2. (Currently amended) Apparatus according to claim 1, ~~characterized in that the~~ wherein said connecting piece is ~~formed by~~ comprised of a first part and a second part ~~which are,~~ each part being provided with cooperating connector parts for the supply of water, air and electricity, ~~whereby~~ wherein, when the ~~two~~ first and second parts are coupled to each other, the connector parts are connected to each other, ~~in such a way so that the a~~ so that the a lead-through of water, air and electricity from ~~the said~~ the said base to ~~the said~~ the said treatment unit is established, ~~whereby the~~

wherein said second part is provided with an opening through which a drawing pen is movable, ~~while the~~ said drawing pen at one outer end is being fixed to a cable and at ~~the other~~ another outer end is being provided with an inner flanged edge and, ~~spaced there from,~~ an outer flanged edge, said outer flanged edge being spaced from said inner flanged edge, whereby

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wherein a spring is provided in between the said inner flanged edge and the said second part
~~a spring is provided, by which the, said drawing pen is being supported on the said second part and~~
~~by means of which the drawing pen can be being drawn against spring force through the opening by~~
~~the said cable, while the~~

wherein said first part is provided with a first opening having a diameter such, that this can
~~be moved , said first opening being mobile over the said outer flanged edge, while the said first~~
~~opening extends into a second opening, said second opening having a diameter which is smaller than~~
~~the a diameter of the said outer flanged edge but which is larger that the a diameter of the said~~
~~drawing pen, whereby, and~~

wherein, when the said first part with the said second opening is placed in between the
~~flanged edges and leans against the outer flanged edge; by pulling the said cable the, said first part~~
~~is moved towards the said second part, in such a way, that the the connector parts are being coupled~~
~~to each other.~~

3. (Currently amended) Apparatus according to claim 1, ~~characterized in that the~~ 2, wherein
said second part is provided with a sleeve in which the, said drawing pen is being movable in said
sleeve, while the said spring is supported on the said second part by means of the said sleeve.

4. (Currently amended) Apparatus according to ~~one of the preceding claims, characterized~~
~~in that the one part~~ Claim 2, wherein said first part or said second part is provided with at least two
guide pens, and the other wherein the part , without at least two guide pens, is provided with at least
two guide holes for receiving, the guide pens being received in the guide holes, in such a way that
the said first part and the said second part can be being connected to each other in a fixed position.

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5. (Currently amended) Apparatus according to claim 4, ~~characterized in that~~ wherein the guide pens are conical pens.

6.(Currently amended) Apparatus according to claim 4, ~~characterized in that~~ wherein the guide pens have a length such that ~~the~~ outer ends thereof extend beyond ~~the~~ said inner flanged edge of ~~the~~ said drawing pen when ~~the~~ said drawing pen is pushed out by ~~the~~ said spring ~~that is supported by the second part.~~

7. (Currently amended) Apparatus according to claim 4, ~~characterized in that~~ wherein the guide holes have guide slots extending therein extend into the guide holes for receiving the and receive outer ends of the guide pens, ~~in such a way, that~~ and wherein said outer ends of the guide pens are forced into the guide holes when the parts are being connected to each other and ~~the~~ said drawing pen is being moved from ~~the~~ said first opening into ~~the~~ said second opening, ~~the outer ends of the guide pens are forced by means of the guide slots into the guide holes.~~

8. (Currently amended) Apparatus according to ~~one of the preceding claims, characterized in that~~ Claim 2, wherein the connector parts for the electrical current supply are provided in top of the parts.

9. (Currently amended) Apparatus according to ~~one of the preceding claims, characterized in that~~ Claim 2, wherein the connector parts for the supply of the electrical current are provided above the connector parts for the supply of water.

10. (Currently amended) Apparatus according to ~~one of the preceding claims, characterized in that~~ Claim 2, wherein the openings are provided centrally in the parts.

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11.(Currently amended) Apparatus according to ~~one of the preceding claims~~, characterized ~~in that the~~ Claim 2, wherein ~~space between~~ the inner flanged edge and the outer flanged edge of the drawing pen is have a space therebetween, said space being ~~only somewhat~~ larger than ~~the~~ a thickness of ~~the~~ said first part, such that ~~the~~ said first part fits closely therein between.

12.(Currently amended) Apparatus according to ~~one of the preceding claims~~, characterized ~~in that the diameter of the~~ Claim 2, wherein said inner flanged edge ~~is~~ has a diameter larger than ~~the~~ a diameter of ~~the~~ said first opening in ~~the~~ said first part.

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ABSTRACT OF THE DISCLOSURE

Apparatus for dental treatment, ~~comprising~~ includes a base ~~and~~, a treatment unit, and a connecting piece. ~~which~~ The treatment unit ~~comprises~~ has one or more treatment instruments and one or more lines for the supply of water, air and eletricity, ~~characterized in that.~~ The connecting piece is placed in between the base and the treatment unit ~~a connecting piece is provided by means of which the.~~ The treatment unit can be disconnected from and connected to the base by using the connecting piece.